



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 140592

TO: Andrew D Kosar
Location: rem/3c04/3c18
Art Unit: 1654
Tuesday, January 04, 2005

Case Serial Number: 09/913722

From: Deirdre Arnold
Location: Biotech-Chem Library
REM 1A64
Phone: 571-272-2532

Deirdre.Arnold@uspto.gov

Search Notes

- Packet 3: inventor search (beware of false hits on the names)
- Packets 1-2: structure search and text search
 - Structure search in HCAPLUS and in USPATFULL. See queries for limitations/restrictions.
 - Searches in other databases are based on text and/or manual codes; the hits may address the sense of the claims but not necessarily the structure.
 - There were too many hits in MARPAT to display; please contact me if you wish to work with them.

Please feel free to contact me if you have any questions or would like to amend the search.

Thank you for using STIC services.

Regards,
Deirdre Arnold

SEARCH REQUEST FORM

Scientific and Technical Information Center

 Requester's Full Name: Andrew D. Kosar Examiner#: 80341 Date: 12/16/04

 Art Unit: 1654 Phone Number: (571)272-0913 Serial Number: 09/913,722

 Mail Box and Bldg/Room Location: Mail: REM 3c18 Results Format Preferred (circle): Paper Disk E-mail
 Office: REM 3c04
If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

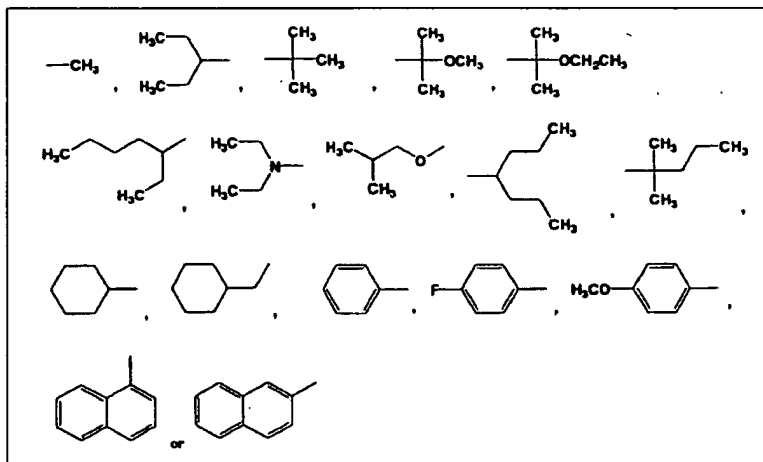
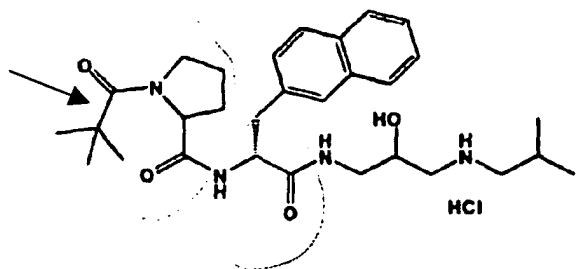
 Title of Invention: **NOVEL AMIDE DERIVATIVES AS GROWTH HORMONE SECRETAGOGUES**

Inventors (please provide full names): Nobuo Ishiyama; Hirohide Ishige; Mitsuo Mimura; Tadashi Okuno; Kiyoharu Ukai; Takeshi Kiyofuji; Shinji Tauchi; Kiyoshi Inoguchi; Ping Huang; Gilda H Loew, Deceased; Linda J Maki.

 Earliest Priority Filing Date: 02/17/2000 (PCT); 02/18/1999.

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please search the following compound:



- 1) The Elected species is tert-butyl (arrow to group).
 - 2) Please search the boxed species for alternate species for the t-Bu.
 - 3) Please see attached generic claims for 'broader' claims (claims 1-3). The elected species are highlighted.
- Applicant elected species where R¹ is variable (as indicated above, t-Bu is the elected species).

Thank you.

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 Searcher: Arnold
 Searcher Phone: 2253
 Searcher Location: _____
 Date Searcher Picked Up: 1/3/05
 Date Completed: 1/4/05
 Searcher Prep & Review Time: _____
 Clerical Prep Time: _____
 Online Time: _____

Type of search

 NA Sequence (#) _____
 AA Sequence (#) _____
 Structure (#) _____
 Bibliographic _____
 Litigation _____
 Full Text _____
 Patent Family _____
 Other _____

Vendors and cost where applicable

 STN _____
 Dialog _____
 Questel/Orbit _____
 Dr. Link _____
 Lexis/Nexis _____
 Sequence System _____
 WWW/Internet _____
 Other (specify) _____

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal653adk

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

***** welcome to STN International *****

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NEWS 3 SEP 01 New pricing for the Save Answers for SciFinder
Wizard within

NEWS 4 OCT 28 STN Express with Discover!
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awareness

NEWS 11 DEC 17 alerts (SDIs) affected
SOLIDSTATE reloaded; updating to resume; current-
awareness

NEWS 12 DEC 17 alerts (SDIs) affected
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NEWS 13 DEC 17 alerts (SDIs) affected
THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS 14 DEC 30 EPFULL: New patent full text database to be
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NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.01c(JP),
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to
STN

[(2-methylpropyl)amino]propyl]-3-(2-naphthalenyl)-,
monohydrochloride (9CI)
(CA INDEX NAME)

=> DIS L1 1 IDE

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN 289048-21-1 REGISTRY
CN D-Alaninamide, 1-(2-ethyl-1-oxobutyl)-L-prolyl-N-[2-hydroxy-3-
[(2-methylpropyl)amino]propyl]-3-(2-naphthalenyl)-,
monohydrochloride (9CI)
(CA INDEX NAME)

FS STEREOSEARCH
MF C31 H46 N4 O4 . C1 H

SR CA

LC STN Files: CA, CAPLUS

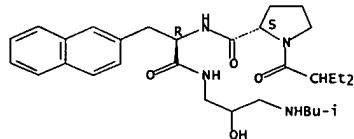
DT.CA CAPLUS document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP

(Preparation); USES

(Uses)
CRN (701906-53-8)

Absolute stereochemistry.



● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> S 289048-20-0/RN
L2 1 289048-20-0/RN

=> DIS L2 1 RN CCN

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN 289048-20-0 REGISTRY
CN D-Alaninamide, 1-(2,2-dimethyl-1-oxopropyl)-L-prolyl-N-[2-

NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 14:05:46 ON 04 JAN 2005

=> FIL REGISTRY
COST IN U.S. DOLLARS SINCE FILE
TOTAL ENTRY
SESSION
FULL ESTIMATED COST 0.21
0.21

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STRUCTURE FILE UPDATES: 2 JAN 2005 HIGHEST RN 807298-39-1
DICTIONARY FILE UPDATES: 2 JAN 2005 HIGHEST RN 807298-39-1

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

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Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> S 289048-21-1/RN
L1 1 289048-21-1/RN

=> DIS L1 1 RN CCN

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN 289048-21-1 REGISTRY
CN D-Alaninamide, 1-(2-ethyl-1-oxobutyl)-L-prolyl-N-[2-hydroxy-3-

hydroxy-3-[(2-methylpropyl)amino]propyl]-3-(2-naphthalenyl)-,
monohydrochloride (9CI)
(CA INDEX NAME)

=> DIS L2 1 IDE

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN 289048-20-0 REGISTRY
CN D-Alaninamide, 1-(2,2-dimethyl-1-oxopropyl)-L-prolyl-N-[2-
hydroxy-3-[(2-methylpropyl)amino]propyl]-3-(2-naphthalenyl)-,
monohydrochloride (9CI)
(CA INDEX NAME)

FS STEREOSEARCH
MF C30 H44 N4 O4 . C1 H

SR CA

LC STN Files: CA, CAPLUS

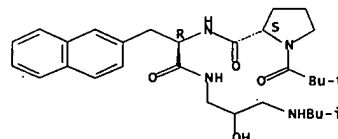
DT.CA CAPLUS document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP

(Preparation); USES

(Uses)
CRN (773837-34-6)

Absolute stereochemistry.



● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 12 ed

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 14 Sep 2000

=> DIS HIST

(FILE 'HOME' ENTERED AT 14:05:46 ON 04 JAN 2005)

FILE 'REGISTRY' ENTERED AT 14:05:56 ON 04 JAN 2005

L1 1 S 289048-21-1/RN
L2 1 S 289048-20-0/RN

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---Logging off of STN---

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Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS
TOTAL

SINCE FILE

ENTRY

SESSION
FULL ESTIMATED COST
11.13

10.92

STN INTERNATIONAL LOGOFF AT 14:08:05 ON 04 JAN 2005

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PASSWORD:
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COMPUAB reloaded; updating to resume; current-
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NEWS 12 DEC 17 alerts (SDIs) affected
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awareness

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and February 2005

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
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AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004

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=> FIL REGISTRY
COST IN U.S. DOLLARS SINCE FILE
TOTAL ENTRY
SESSION
FULL ESTIMATED COST 0.21
0.21

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STRUCTURE FILE UPDATES: 3 JAN 2005 HIGHEST RN 807382-78-1
DICTIONARY FILE UPDATES: 3 JAN 2005 HIGHEST RN 807382-78-1

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

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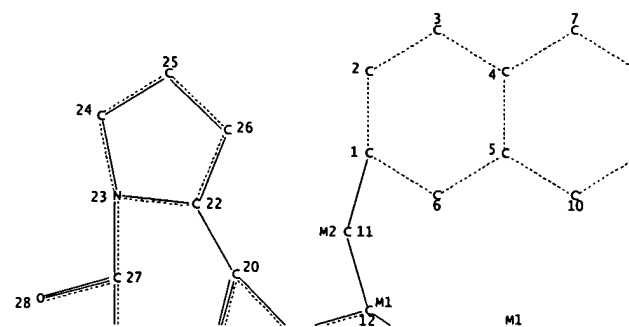
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<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> Uploading H:\STN queries\09913722c.str

36:CLASS 37:CLASS 38:CLASS

L1 STRUCTURE UPLOADED

=> d 11
L1 HAS NO ANSWERS
L1 STR



Page 1-A

C 8
C 9

M1
O 19

31M1

chain nodes :
17 18 19 20 21 22 23 24 25 26 27 33 34 35 36 37 38
ring nodes :
7 8 9 10 11 12 13 14 15 16 28 29 30 31 32
chain bonds :
7-17 17-18 18-19 18-20 19-21 19-22 20-26 22-23 23-24 24-25
24-36 26-27 26-28 29-33 33-34 33-35 36-37 37-38
ring bonds :
7-8 7-12 8-9 9-10 10-11 10-13 11-12 11-16 13-14 14-15 15-16
28-29 28-32 29-30 30-31 31-32
exact/norm bonds :
18-20 19-21 19-22 20-26 24-25 26-27 28-29 28-32 29-30 29-33
30-31 31-32 33-34 33-35
exact bonds :
7-17 17-18 18-19 22-23 23-24 24-36 26-28 36-37 37-38
normalized bonds :
7-8 7-12 8-9 9-10 10-11 10-13 11-12 11-16 13-14 14-15 15-16

G1:CH3,t-Bu,Ph,p-C6H4

G2:SO2

G3:Ph,H

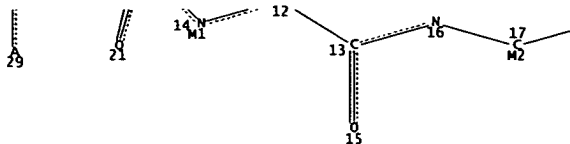
G4:H,CH3,i-Pr,t-Bu

G5:O,S,NH

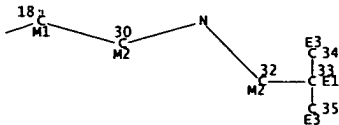
Match level :

7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom
15:Atom 16:Atom 17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS
22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:Atom
29:Atom 30:Atom 31:Atom 32:Atom 33:CLASS 34:CLASS 35:CLASS

Page 1-B



Page 2-A



Page 2-B

NODE ATTRIBUTES:

HCOUNT	IS	M2	AT	11
HCOUNT	IS	M1	AT	12
HCOUNT	IS	M1	AT	14
HCOUNT	IS	M1	AT	16
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HCOUNT	IS	E1	AT	33
HCOUNT	IS	E3	AT	34
HCOUNT	IS	E3	AT	35
NSPEC	IS	R	AT	1
NSPEC	IS	R	AT	2
NSPEC	IS	R	AT	3
NSPEC	IS	R	AT	4
NSPEC	IS	R	AT	5
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NSPEC	IS	C	AT	34
NSPEC	IS	C	AT	35
DEFAULT	MLEVEL	IS	ATOM	
MLEVEL	IS	CLASS	AT	11 12 13 14 15 16 17 18 19 20 21 27 28 29 30 31 32
				33 34 35
DEFAULT	ECLEVEL	IS	LIMITED	

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 35

STEREO ATTRIBUTES: NONE

=> s 11 sam
SAMPLE SEARCH INITIATED 16:24:13 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 43 TO ITERATE

100.0% PROCESSED 43 ITERATIONS
ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 467 TO 1253
PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

=> s 11 ful
FULL SEARCH INITIATED 16:24:19 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 949 TO ITERATE

100.0% PROCESSED 949 ITERATIONS
ANSWERS
SEARCH TIME: 00.00.01

L3 16 SEA SSS FUL L1

=> s 11 ful fam
STRUCTURES CONTAINING VARIABLE NODES NOT VALID IN EXACT OR FAMILY SEARCH

You have requested a full structure (EXA or FAM) search on a structure containing one of the special variable-atom symbols A, M, Q, or X, or a variable group G. Only bond variability is allowed in structures for EXA or FAM searches. Variable nodes are never permitted.

=> d 13 1-16 ed

L3 ANSWER 1 OF 16 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 14 Nov 2004

L3 ANSWER 2 OF 16 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 02 Nov 2004

L3 ANSWER 3 OF 16 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 24 Oct 2004

L3 ANSWER 4 OF 16 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 23 Sep 2004

L3 ANSWER 5 OF 16 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 31 Aug 2004

L3 ANSWER 6 OF 16 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 26 Aug 2004

L3 ANSWER 7 OF 16 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 30 Jun 2004

L3 ANSWER 8 OF 16 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 16 May 2004

L3 ANSWER 9 OF 16 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 14 Sep 2000

L3 ANSWER 10 OF 16 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 14 Sep 2000

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ED Entered STN: 14 Sep 2000

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ED Entered STN: 14 Sep 2000

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ED Entered STN: 14 Sep 2000

L3 ANSWER 14 OF 16 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 14 Sep 2000

L3 ANSWER 15 OF 16 REGISTRY COPYRIGHT 2005 ACS on STN
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ED Entered STN: 14 Sep 2000

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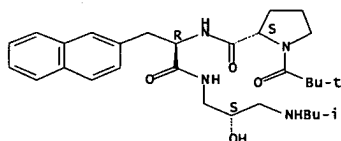
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ED Entered STN: 24 Oct 2004

L2 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 26 Aug 2004

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L3 ANSWER 1 OF 16 REGISTRY COPYRIGHT 2005 ACS on STN
RN 780026-70-2 REGISTRY
CN D-Alaninamide, 1-(2,2-dimethyl-1-oxopropyl)-L-prolyl-N-[(2S)-2-hydroxy-3-[(2-methylpropyl)amino]propyl]-3-(2-naphthalenyl)- (9CI) (CA INDEX NAME)
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CI COM
SR CA

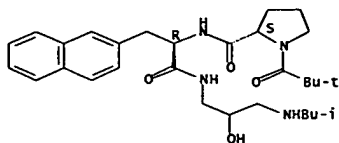
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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RN 773837-34-6 REGISTRY
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CI COM
SR CA

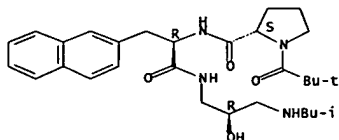
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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 FS STEREOSEARCH
 MF C30 H44 N4 O4
 CI COM
 SR CA

Absolute stereochemistry.

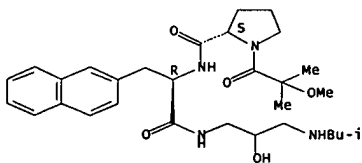


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 ANSWER 4 OF 16 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 749837-47-6 REGISTRY
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 FS STEREOSEARCH
 MF C30 H44 N4 O6
 CI COM

hydroxy-3-[(2-methylpropyl)amino]propyl]-3-(2-naphthalenyl)- (9CI) (CA INDEX NAME)
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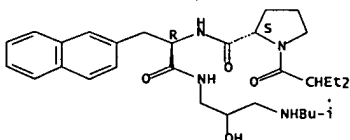
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 ANSWER 7 OF 16 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 701906-53-8 REGISTRY
 CN D-Alaninamide, 1-(2-ethyl-1-oxobutyl)-L-prolyl-N-[(2-methylpropyl)amino]propyl]-3-(2-naphthalenyl)- (9CI) (CA INDEX NAME)
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 MF C31 H46 N4 O4
 CI COM
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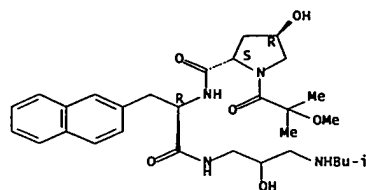
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

SR CA

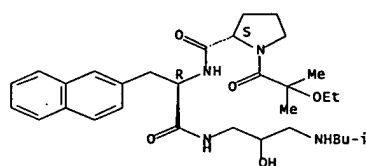
Absolute stereochemistry.



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L3 ANSWER 5 OF 16 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 736125-59-0 REGISTRY
 CN D-Alaninamide, 1-(2-ethoxy-2-methyl-1-oxopropyl)-L-prolyl-N-[(2-methylpropyl)amino]propyl]-3-(2-naphthalenyl)- (9CI) (CA INDEX NAME)
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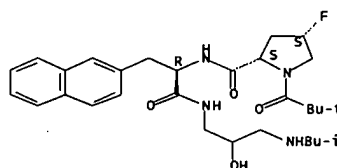
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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 RN 732975-04-1 REGISTRY
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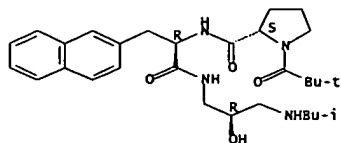
Absolute stereochemistry.



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 RN 289049-42-9 REGISTRY
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 FS STEREOSEARCH
 MF C30 H44 N4 O4 . Cl H
 SR CA
 LC STN Files: CA, CAPLUS
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Absolute stereochemistry.

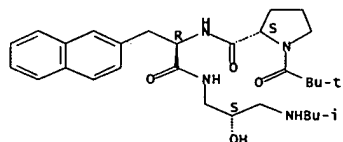


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1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 10 OF 16 REGISTRY COPYRIGHT 2005 ACS on STN
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FS STEREOSEARCH
MF C30 H44 N4 O4 . C1 H
SR CA
LC STN Files: CA, CAPLUS
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Absolute stereochemistry.

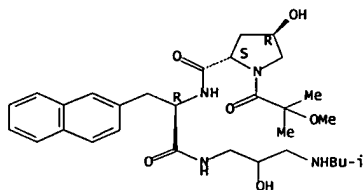


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1 REFERENCES IN FILE CA (1907 TO DATE)

CRN (749837-47-6)

Absolute stereochemistry.



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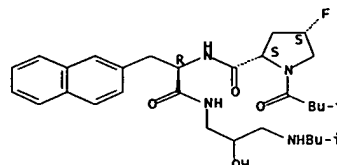
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LC STN Files: CA, CAPLUS
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Absolute stereochemistry.

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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RN 289049-40-7 REGISTRY
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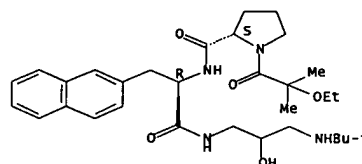
Absolute stereochemistry.



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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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MF C30 H44 N4 O6 . C1 H
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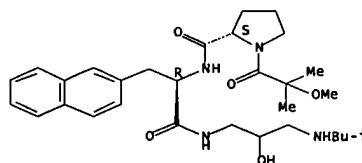


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1 REFERENCES IN FILE CA (1907 TO DATE)
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FS STEREOSEARCH
MF C30 H44 N4 O5 . C1 H
SR CA
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Absolute stereochemistry.

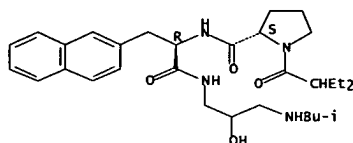


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1 REFERENCES IN FILE CA (1907 TO DATE)
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(CA INDEX NAME)
FS STEREOSEARCH
MF C31 H46 N4 O4 . Cl H
SR CA
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DT.CA Caplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP
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(Uses)
CRN (701906-53-8)

Absolute stereochemistry.



● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 16 OF 16 REGISTRY COPYRIGHT 2005 ACS ON STN
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This file contains CAS Registry Numbers for easy and accurate
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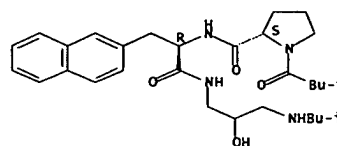
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DOCUMENT NUMBER: 133:193493
TITLE: Preparation of novel peptidomimetics as
growth hormone
secretagogues
INVENTOR(S): Ishiyama, Nobuo; Ishige, Hirohide; Mimura,
Mitsuo;
Okuno, Tadashi; Ukai, Kiyoharu; Kiyofuji,
Takeshi;
Tauchi, Shinji; Inoguchi, Kiyoshi; Huang,
Ping; Loew,
Gilda H.
PATENT ASSIGNEE(S): Kaken Pharmaceutical Co., Ltd., Japan;
Molecular
Research Institute
SOURCE: PCT Int. Appl., 110 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

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RW:	AZ, BY, KG, KZ, MD, RU, TJ, TM, GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
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(Preparation); USES
(Uses)
CRN (773837-34-6)
Absolute stereochemistry.



● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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FULL ESTIMATED COST
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FILE 'HAPLUS' ENTERED AT 16:26:06 ON 04 JAN 2005
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FILE COVERS 1907 - 4 Jan 2005 VOL 142 ISS 2
FILE LAST UPDATED: 3 Jan 2005 (20050103/ED)

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AU 759022 B2 20030403 AU 2000-41671
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PRIORITY APPLN. INFO.: US 1999-251734 A
19990218 WO 2000-US4001 W
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OTHER SOURCE(S): MARPAT 133:193493
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
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RE FORMAT

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L2 2 S L1 SAM
L3 16 S L1 FUL
FILE 'HAPLUS' ENTERED AT 16:26:06 ON 04 JAN 2005
L4 1 S L3

---Logging off of STN---

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Executing the logoff script...

=> LOG Y

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LOGINID:ssspta1653adk

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN International *****

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 01 New pricing for the Save Answers for SciFinder Wizard within

NEWS 4 OCT 28 STN Express with Discover!
NEWS 5 NOV 30 KOREAPAT now available on STN
NEWS 6 DEC 01 PHAR reloaded with additional data
NEWS 7 DEC 09 LISA now available on STN
2004 12 databases to be removed from STN on December 31,

NEWS 8 DEC 15 MEDLINE update schedule for December 2004
NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness

NEWS 10 DEC 17 alerts (SDIs) affected
COMPUAB reloaded; updating to resume; current-awareness

NEWS 11 DEC 17 alerts (SDIs) affected
SOLIDSTATE reloaded; updating to resume; current-awareness

NEWS 12 DEC 17 alerts (SDIs) affected
CERAB reloaded; updating to resume; current-awareness

NEWS 13 DEC 17 alerts (SDIs) affected
THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS 14 DEC 30 EPFULL: New patent full text database to be available on STN

NEWS 15 DEC 30 CAPLUS - PATENT COVERAGE EXPANDED
NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and February 2005

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0c(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN

NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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***** STN Columbus *****

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THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Do you want to switch to the Registry File?
Choice (Y/N):

Switching to the Registry File...
Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=) for a list of commands which can be used in this file.

=> FILE REGISTRY

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DICTIONARY FILE UPDATES: 3 JAN 2005 HIGHEST RN 807382-78-1

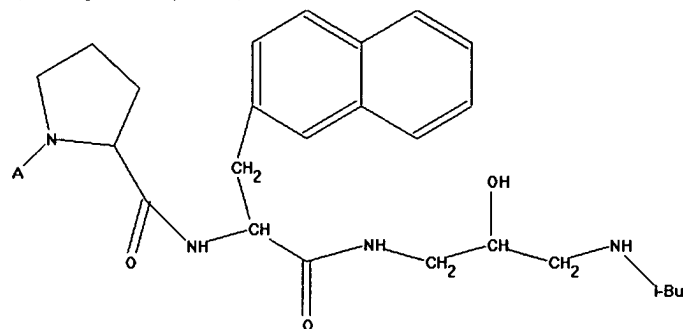
TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registrys.html>

=> Uploading H:\STN queries\09913722d.str



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ring nodes :
7 8 9 10 11 12 13 14 15 16 28 29 30 31 32
chain bonds :
7-17 17-18 18-19 18-20 19-21 19-22 20-26 22-23 23-24 24-25
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ring bonds :
7-8 7-12 8-9 9-10 10-11 10-13 11-12 11-16 13-14 14-15 15-16
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exact/norm bonds :
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30-31 31-32
exact bonds :
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normalized bonds :
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G2:SO2

G3:Ph,H

G4:H,CH3,i-Pr,t-Bu

G5:O,S,NH

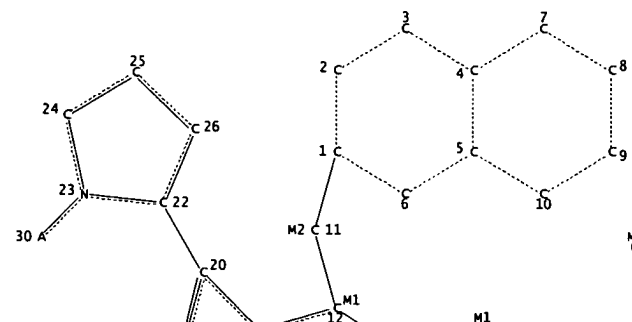
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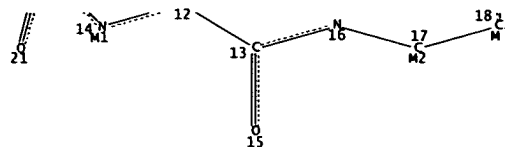


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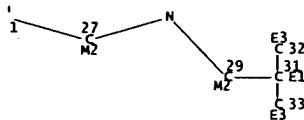
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Page 1-B



Page 2-A



Page 2-B

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33
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RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 33

STEREO ATTRIBUTES: NONE

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ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 467 TO 1253
PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

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ANSWERS
SEARCH TIME: 00.00.01

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L3 ANSWER 1 OF 18 REGISTRY COPYRIGHT 2005 ACS on STN

ED Entered STN: 07 Dec 2004

L3 ANSWER 2 OF 18 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 14 Nov 2004

L3 ANSWER 3 OF 18 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 02 Nov 2004

L3 ANSWER 4 OF 18 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 24 Oct 2004

L3 ANSWER 5 OF 18 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 23 Sep 2004

L3 ANSWER 6 OF 18 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 31 Aug 2004

L3 ANSWER 7 OF 18 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 26 Aug 2004

L3 ANSWER 8 OF 18 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 30 Jun 2004

L3 ANSWER 9 OF 18 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 16 May 2004

L3 ANSWER 10 OF 18 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 14 Sep 2000

L3 ANSWER 11 OF 18 REGISTRY COPYRIGHT 2005 ACS on STN
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ED Entered STN: 14 Sep 2000

L3 ANSWER 18 OF 18 REGISTRY COPYRIGHT 2005 ACS on STN
ED Entered STN: 14 Sep 2000

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COST IN U.S. DOLLARS
TOTAL

SINCE FILE

SESSION ENTRY
FULL ESTIMATED COST 194.88
195.09

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FILE COVERS 1907 - 4 Jan 2005 VOL 142 ISS 2
FILE LAST UPDATED: 3 Jan 2005 (20050103/ED)

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L4 1 L3

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L4 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2000:592574 HCAPLUS Full-text
DOCUMENT NUMBER: 133:193493
TITLE: Preparation of novel peptidomimetics as growth hormone secretagogues
INVENTOR(S): Ishiyama, Nobuo; Ishige, Hirohide; Mimura, Mitsuo; Okuno, Tadashi; Ukai, Kiyoharu; Kiyofuji, Takeshi; Tauchi, Shinji; Inoguchi, Kiyoshi; Huang, Ping; Loew, Gilda H.
PATENT ASSIGNEE(S): Kaken Pharmaceutical Co., Ltd., Japan; Molecular Research Institute
SOURCE: PCT Int. Appl., 110 pp.
CODEN: PIXXD2
PATENT English
DOCUMENT TYPE: 1
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FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.
WO 2000048623	A1	20000824	WO 2000-US4001
20000217			
CR, CU,	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN,	
ID, IL,		CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,	
LV, MA,		IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,	
SG, SI,		MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,	
ZW, AM,		SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA,	
CY, DE,	RW:	AZ, BY, KG, KZ, MD, RU, TJ, TM	
B3, CF,		GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH,	
		DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF,	
		CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG	
CA 2362290	AA	20000824	CA 2000-2362290
20000217			
EP 1158996	A1	20011205	EP 2000-921329
20000217			
MC, PT,	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE,	
		IE, SI, LT, LV, FI, RO	
JP 2002542151	T2	20021210	JP 2000-599413
20000217			
AU 759022	B2	20030403	AU 2000-41671
20000217			
PRIORITY APPLN. INFO.:			
19990218			
			US 1999-251734 A
			WO 2000-US4001 W
20000217			
OTHER SOURCE(S):	MARPAT 133:193493		
REFERENCE COUNT:	2	THERE ARE 2 CITED REFERENCES AVAILABLE	
FOR THIS			
RE FORMAT		RECORD. ALL CITATIONS AVAILABLE IN THE	

=> d his ful

(FILE 'HOME' ENTERED AT 17:03:36 ON 04 JAN 2005)

L1 FILE 'REGISTRY' ENTERED AT 17:04:00 ON 04 JAN 2005

L2 STRUCTURE UPLOADED

L3 D L1

L2 2 SEA SSS SAM L1

L3 18 SEA SSS FUL L1

D L3 1-18 ED

FILE 'HCAPLUS' ENTERED AT 17:05:17 ON 04 JAN 2005

L1 FILE 'REGISTRY' ENTERED AT 17:04:00 ON 04 JAN 2005

L2 STRUCTURE UPLOADED

L3 2 S L1 SAM

L2 18 S L1 FUL

L4 FILE 'HCAPLUS' ENTERED AT 17:05:17 ON 04 JAN 2005

1 S L3

=>

---Logging off of STN---

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Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

6.00

201.09

STN INTERNATIONAL LOGOFF AT 17:06:20 ON 04 JAN 2005

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 3 JAN 2005 HIGHEST RN 807382-78-1

DICTIONARY FILE UPDATES: 3 JAN 2005 HIGHEST RN 807382-78-1

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FILE HCAPLUS

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FILE LAST UPDATED: 3 Jan 2005 (20050103/ED)

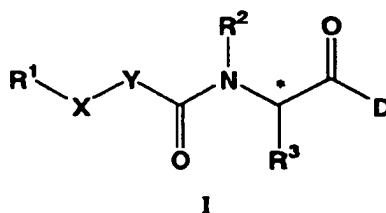
This file contains CAS Registry Numbers for easy and accurate substance identification.

=> DIS HIST

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What is claimed is:

1. A compound having a formula:

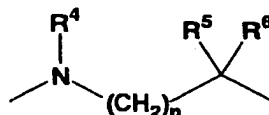


wherein

Variable group 5 { R¹ is substituted or unsubstituted alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted alkoxy, substituted or unsubstituted aryl, or substituted or unsubstituted amino,

X is -CO- or -SO₂-

Y is:



wherein

10 n is an integer from 0-4,

R⁴ is hydrogen, substituted or unsubstituted alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted aryl,

R⁵ and R⁶ are independently selected from hydrogen, substituted or unsubstituted alkyl, or

15 R⁵ and R⁶ or R⁴ and R⁵ are taken together to form substituted or unsubstituted alkylene,

R² is hydrogen, or substituted or unsubstituted alkyl,

R³ is substituted or unsubstituted alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted aryl,

20 D is substituted or unsubstituted amino, substituted or unsubstituted alkoxy, or substituted or unsubstituted alkylthio,

* represents an asymmetric center, and
pharmaceutically acceptable salts thereof.

25 2. A compound and pharmaceutically acceptable salts according to Claim 1:
wherein R¹ is C₁₋₁₁ alkyl which may be substituted by substituted or unsubstituted cycloalkyl, substituted or unsubstituted alkoxy, substituted or unsubstituted aryl, and/or hydroxy; C₃₋₆ cycloalkyl which may be substituted by substituted or unsubstituted alkyl, substituted or unsubstituted alkoxy, substituted or unsubstituted aryl, and/or hydroxy; C₁₋₁₁ alkoxy which may be substituted by substituted or

30

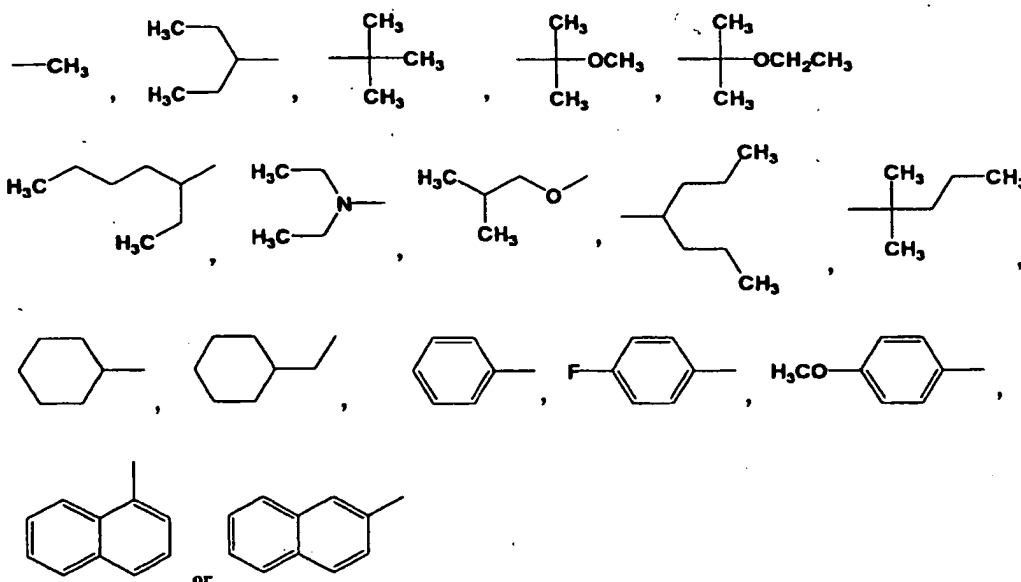
unsubstituted cycloalkyl, substituted or unsubstituted aryl, and/or hydroxy; aryl which may be substituted by substituted or unsubstituted alkyl, substituted or unsubstituted alkoxy, and/or hydroxy; or, amino which may be substituted by substituted or unsubstituted alkyl, and/or substituted or unsubstituted aryl.

5

3. A compound and pharmaceutically acceptable salts according to Claim 2: wherein R^1 is C_{1-11} alkyl which may be substituted by cycloalkyl, alkoxy, arylalkoxy, aryl and/or halogenated aryl; C_{3-6} cycloalkyl which may be substituted by alkyl; C_{1-6} alkoxy which may be substituted by aryl; aryl which may be substituted by alkyl, alkoxy and/or halogen; or, di(C_{1-6} alkyl)amino.

10

4. A compound and pharmaceutically acceptable salts according to Claim 3: wherein R^1 is selected from the group consisting of



15

5. A compound and pharmaceutically acceptable salts according to Claim 1: wherein; in formula Y, R^4 is hydrogen, C_{1-6} alkyl which may be substituted by aryl, C_{1-6} cycloalkyl, or aryl.

20

6. A compound and pharmaceutically acceptable salts according to Claim 5: wherein Y is selected from the group consisting of

25

 **PALM INTRANET**Day : Tuesday
Date: 1/4/2005
Time: 15:43:42

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MAKI, LINDA J	MENLO PARK	CALIFORNIA

Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity Data	Foreign Data	Inventors
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